

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

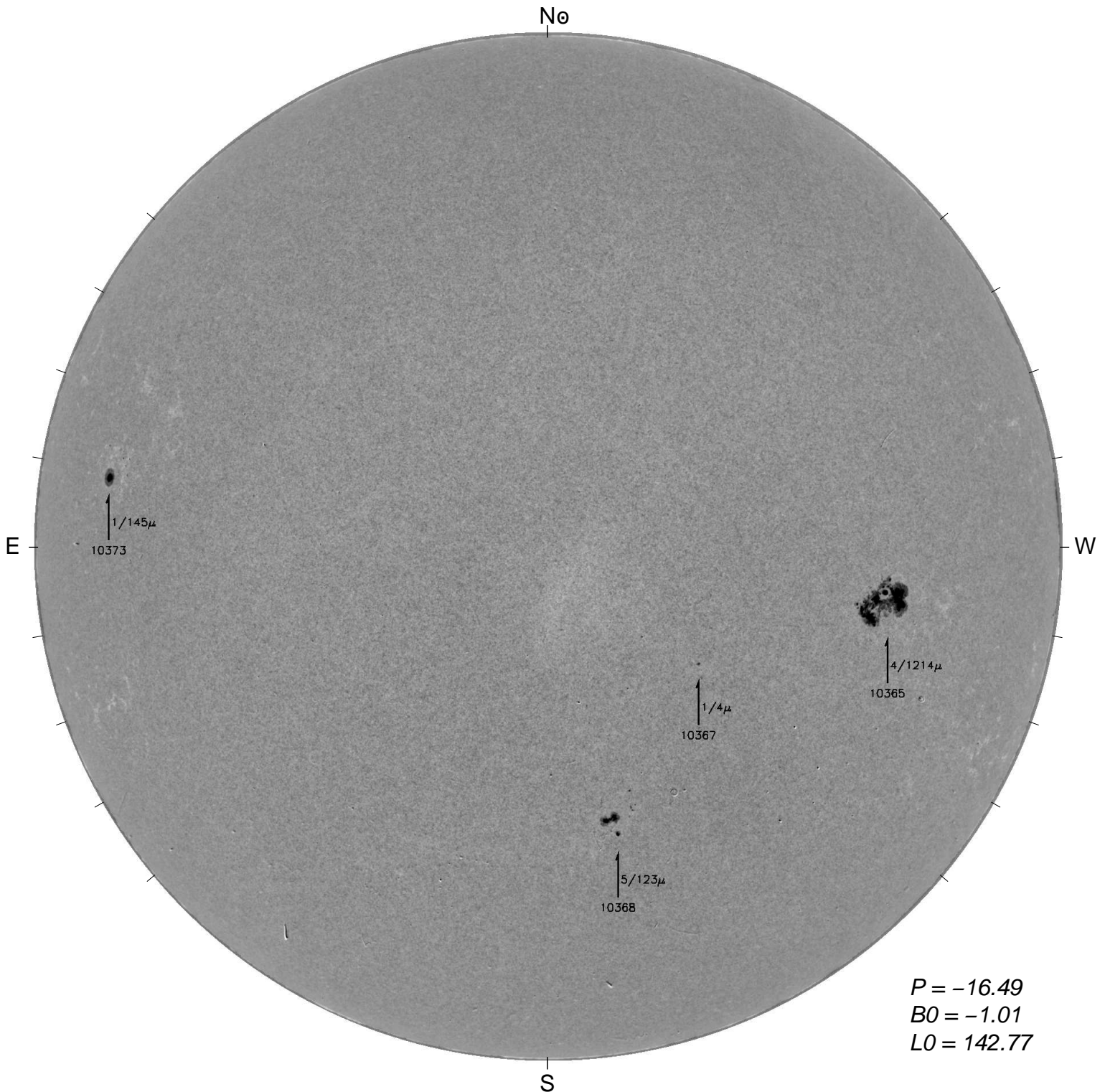
USAF OSPaN 630.315nm image

CLOUDS: Unknown  
CONDITION: Excellent  
OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.060% at 630.315nm

**29 May 03**  
**13:30:22 UT**

GROUPS: 4  
SPOTS: 11  
R-NUMBER: 51  
TOTAL SPOT AREA: 1486  $\mu$   
THRESHHOLD: 0.92



$P = -16.49$   
 $B0 = -1.01$   
 $L0 = 142.77$